IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): An edible product of capsules within a gel medium that comprises

- [[A]] <u>a</u> gel medium,
- One one or more capsules of different colors and flavors stabilized in such manner that there is no migration of color or flavor toward said gel medium so that change of the original characteristics of said gel medium is prevented, and
- In in which a mixture of both components is packed in a transparent plastic receptacle.

Claim 2 (Original): The product of claim 1, in which said one or more capsules are formed from a base mixture, a capsule-forming solution and a syrup.

Claim 3 (Currently Amended): The product in accordance with any of the preceding elaims claim 2, in which said base mixture consists generally of comprises the following components: an aqueous medium, one or more polysaccharides, gelling agents, salts, flavors, colors and emulsifiers.

Claim 4 (Currently Amended): The product in accordance with any of the preceding elaims claim 3, in which the aqueous medium is water.

Claim 5 (Currently Amended): The product in accordance with any of the preceding elaims claim 3, in which the polysaccharides preferably are chosen from saccharose or any other suitable polysaccharide.

Claim 6 (Currently Amended): The product in accordance with any of the preceding elaims claim 3, in which the gelling agents are gellan gum, alginate and xanthan, or any other agent suitable for this type of product.

Claim 7 (Currently Amended): The product in accordance with any of the preceding claims claim 3, in which the salts preferably used are sodium citrate, sodium chloride or any other salt suitable for this purpose.

Claim 8 (Currently Amended): The product in accordance with any of the preceding claims claim 3, in which the various flavors are chosen from among those of the an oil-soluble type.

Claim 9 (Currently Amended): The product in accordance with any of the preceding elaims claim 3, in which the various colors are suitable for use in foods and are of the an oil-soluble, preferably natural, type.

Claim 10 (Currently Amended): The product in accordance with any of the preceding elaims claim 3, in which the colors are chosen selected from among the group consisting of Annatto, Chlorophyll or, Carmine or a mixture and mixtures thereof, or any other suitable one.

Claim 11 (Currently Amended): The product in accordance with any of the preceding elaims claim 3, in which emulsifiers suitable for this purpose are used.

Claim 12 (Currently Amended): The product in accordance with any of the preceding elaims claim 3, in which said emulsifier is between 0.5 and 0.7% by weight of the mixture, the oil-soluble flavor is between 2.5 and 3.0%, the oil-soluble natural color is between 0.65 and 0.75%, a polysaccharide is between a 13.5 and a 14.5% by total weight of the base mixture, first, second and third gelling agents that are between 0.8 and 1.0% by total weight of the base mixture and a first salt between 0.25 and 0.35% and a second salt between 0.1 and 0.2% by weight of the base mixture.

Claim 13 (Original): The product in accordance with claim 12, in which the polysaccharide is saccharose.

Claim 14 (Original): The product in accordance with claim 12, in which the first gelling agent is Gellan Gum.

Claim 15 (Original): The product in accordance with claim 12, in which the second gelling agent is alginate.

Claim 16 (Original): The product in accordance with claim 12, in which said third gelling agent is Xanthan.

Claim 17 (Original): The product in accordance with claim 12, in which said first salt is sodium citrate and said second salt is sodium chloride.

Claim 18 (Currently Amended): The product in accordance with any of the preceding elaims claim 2, in which said capsule-forming solution is a monovalent/ divalent saline

solution that consists of: an aqueous medium, an acid and a first divalent salt and a second monovalent salt.

Claim 19 (Original): The product in accordance with claim 18, in which the aqueous medium is water or another medium suitable for this purpose.

Claim 20 (Currently Amended): The product in accordance with one of claims 18 or 19 claim 18, in which the acid preferably is citric acid or another acid suitable for use in foods and for the purpose of this invention.

Claim 21 (Currently Amended): The product in accordance with one of claims 18, 19 or 20 claim 18, in which the first divalent salt preferably is a salt of an alkaline-earth metal.

Claim 22 (Currently Amended): The product in accordance with one of claims 18 to 21 claim 18, in which said first salt is calcium chloride.

Claim 23 (Currently Amended): The product in accordance with one of claims 18-to 22 claim 18, in which the second salt preferably is a sodium chloride salt.

Claim 24 (Currently Amended): The product in accordance with one of claims-18 to 23 claim 18, in which said aqueous medium is between 88 and 90% by weight of said capsule-forming solution, said acid is between 3.0 and 3.5% by weight of the capsule-forming solution, and said first divalent salt and said second monovalent salt are between 7.0 and 8.0% by weight of said capsule-forming solution.

Claim 25 (Currently Amended): The product in accordance with any one of the preceding claims claim 2, in which said syrup consists of an aqueous medium, a polysaccharide and preservative salts.

Claim 26 (Currently Amended): The product in accordance with claim 25, in which said aqueous medium preferably is water or another medium suitable for this purpose.

Claim 27 (Currently Amended): The product in accordance with one of the claims 25 or 26 claim 25, in which the polysaccharide preferably is saccharose or another polysaccharide suitable for use in foods and for the purpose of this invention.

Claim 28 (Currently Amended): The product in accordance with one of claims 25 to 27 claim 25, in which the preservative salts are salts of potassium sorbate and sodium benzoate, or others appropriate for this purpose.

Claim 29 (Currently Amended): The product in accordance with any one of claims 25 to 28 claim 25, in which the aqueous medium that is between 86 and 88% by weight of the syrup, the polysaccharide is between 12 and 14% by weight of the syrup, and the salts in a quantity between 0.08 and 0,1% 0.1% by weight of the syrup.

Claim 30 (Currently Amended): The product in accordance with any one of the prior elaims claim 2, made from a mixture of capsules formed between the base mixture and said syrup.

Claim 31 (Original): The product in accordance with claim 30, in which the capsules formed are homogeneous in size and have a dimension between 3.5 and 4.0 mm, a weight of approximately 0.045 g and a density of approximately 0.865 g/cm³.

Claim 32 (Currently Amended): The product in accordance with any one of claims 1 or 31 claim 1, in which said product is a mixture between the capsules and said gelling medium.

Claim 33 (Original): The product of claim 32, in which the gelling medium consists generally of the following components: an aqueous medium, one or more polysaccharides, a gel-forming agent, a gelatinous protein, a salt, a first acid and a second acid and a flavoring agent.

Claim 34 (Original): The product of claim 33, in which the aqueous medium is drinking water or any other aqueous medium suitable for this purpose.

Claim 35 (Currently Amended): The product of any one of claims 33 and 34 claim 33, in which the polysaccharide preferably is saccharose, or any other polysaccharide suitable for this type of product.

Claim 36 (Currently Amended): The product of any one of claims 33 to 35 claim 33, in which the gel-forming agent preferably is carrageenan or another one suitable for this purpose.

Claim 37 (Currently Amended): The product of any one of claims 33 to 36 claim 33, in which the gelatinous protein preferably is collagen or another one suitable for the purpose of this invention.

Claim 38 (Currently Amended): The product of any one of claims 33 to 37 claim 33, in which the salt preferably is chosen from sodium citrate or another appropriate one.

Claim 39 (Currently Amended): The product of any one of claims 33 to 38 claim 33, in which the first acid preferably is citric acid, although another appropriate one acid can be used, and the second acid preferably is ascorbic acid or another one appropriate for this purpose.

Claim 40 (Currently Amended): The product of any one of claims 33 to 39 claim 33, in which lastly, the flavoring agent is chosen from among flavorings known in the art.

Claim 41 (Currently Amended): The product of any one of claims 33 to 40 claim 33, in which the aqueous medium is between 77.5 and 80% by weight of the gelling medium, the polysaccharide is between 14.0 and 16.0% by weight of the gelling medium, the gel-forming agent and the gelatinous protein is between 4.0 and 4.5% by weight of the gelling medium, the salt and the first acid in a quantity between 0.9 and 1.2% by weight of the gelling medium, the second acid in a quantity between 0.03% and 0.05% by weight of the gelling medium and the flavoring agent in a quantity between 0.5 and 0.7% by weight of the gelling medium.

Claim 42 (Currently Amended): A process for preparing the edible product of capsules within a gel medium of claims 1 to 41, that comprises the stages of claim 1, comprising:

- producing some edible capsules of various colors and flavors,
- preparing a gelling medium,
- mixing the capsules and the gelling medium prior to starting gelling,
- starting gelling,
- packing the mixture into receptacles prior to completing gelling,
- completing gelling.

Claim 43 (Currently Amended): The process according to claim 43 <u>42</u>, in which the stage of producing some edible capsules of various colors and flavors comprises the stages of are produced by a process comprising:

- preparing a base mixture,
- preparing a capsule-forming solution,
- preparing a syrup,
- forming a mixture of base mixture and syrup,
- forming the capsules by means of pouring said mixture of base mixture and syrup by drops into said capsule-forming solution,
 - rinsing and washing the capsules ready for forming the final product.

Claim 44 (Currently Amended): The process according to claim [[44]] 43, in which the stage of preparing a the base mixture comprises the stages of is produced by a process comprising

Preparing preparing a vessel that has temperature control and stirring means with a heating and/or cooling system; there is added into the vessel between 0.5 and 0.7% of emulsifier by weight of the mixture and it is melted by heating to a minimum temperature of 70° C, wherein there is to be taken into account the hydro-liposoluble ratio with an HLB value between 14 and 16, which minimizes the diffusion of color between the capsules and the gel medium in the final product; once the emulsifier is melted, between 2.5 and 3.0% of oil-soluble flavor and between 0.65 and 0.75% of oil-soluble natural color defined as desired are added; the mixture is kept under constant stirring until the ingredients are completely homogenized at a minimum temperature of 70° C; the preparation of the color and flavor mixture is carried out independently for each one of the defined colors and flavors; in a parallel manner, between 79 and 82% of the aqueous medium is heated to a maximum temperature of 80° C without allowing boiling to occur in order to prevent evaporation; introducing into the whole of the polysaccharide that is between a 13.5 and a 14.5% by total weight of the base mixture, a first, a second and a third gelling agent that are between 0.8 and 1.0% by total weight of the base mixture and a salt between 0.25 and 0.35% in order to allow better incorporation and dissolution thereof in the final mixture; once all the preceding ingredients are mixed, they are to be added to the hot aqueous medium, with constant stirring until completely diluting all the mentioned ingredients and obtaining a base with mean viscosity of 500 mPa.s and a mean density of 1.0523 g/cm³; now the emulsion of integrated color and flavor is added to the preceding mixture, with constant stirring and at a maximum temperature of 80° C until total dispersion thereof; once the dispersion is obtained, it is to be cooled rapidly to 25° C, with constant stirring to prevent the formation of lumps and the inclusion of air; this final base mixture is kept under stirring at 25° C, evaporation within the final mixture is to be avoided since with a lesser activity of water aw, the rheological

characteristics within the base change, less fluidity occurring and preventing formation of the capsule; the components are as defined in claims 3 to 11.

Claim 45 (Currently Amended): The process according to one of claims 44 or 45 claim 43, in which the stage of preparing a capsule-forming solution comprises the stages of is produced by a process comprising

Pasteurizing pasteurizing between 88 and 90% of aqueous medium at a temperature of 90° C for 15 s; then it is cooled to ambient temperature of minimum 20° C and a first divalent salt and the acid are added slowly; there now is added to the mixture a second monovalent salt which, together with the first, aids in increasing the elasticity and consistency of the capsules at the time of formation of same; said acid is between 3.0 and 3.5% by weight of said saline solution and said first and second salts are between 7.0 and 8.0% by weight of the saline solution; it is kept under constant, slow stirring, taking into account that an exothermic reaction is involved, it is kept at an approximate temperature of 80° C until total dissolution of the ingredients; the physico-chemical variables, minimum pH of 1.4 and a minimum concentration of 8.5 degrees Baumé are checked; now it is stored in the tank of the capsule-forming machine; the components mentioned are those defined in claims 18 to 24.

Claim 46 (Currently Amended): The process according to one of claims 44 or 46 claim 43, in which the stage of preparing a syrup comprises the stages of is provided by a process comprising

Pasteurizing pasteurizing in the boiler between 86 and 88% by weight of the syrup, the aqueous medium at a temperature of 90° C for 15 s; introducing into the total polysaccharide, which is between 12 and 14% by weight of the syrup, the preservative salts are in a quantity between 0.08 and 0.1% by weight of the syrup, to be added to the aqueous

medium later on; cooling to a temperature of approximately 20° C and storing the syrup in vessels disinfected beforehand, since this solution will be the conveying medium for the storage, preservation and subsequent dispersion of the capsules in the gelling medium; checking the physico-chemical variables of the syrup, minimum concentration 11.0 degrees Brix; keeping the syrup refrigerated until its use, for storage of the capsules formed in the machine.

Claim 47 (Currently Amended): The process according to one of claims 44 or 47 claim 44, in which the stages of forming a mixture of the base mixture and syrup, forming the capsules by means of pouring said mixture of the base mixture and syrup by drops into said capsule-forming solution, and rinsing and washing the capsules ready for forming the final product, comprises the stages of

First first of all the monovalent/divalent saline solution is placed in a storage tank that has a viscous flow recirculation system for said solution; secondly, the base mixture goes on to a dispensing hopper by means of pumping said mixture from the boiler to the dispensing hopper, up to a defined level, generating a column of fluid that ensures the pressure and speed of the flow; the base mixture flows from the base hopper through dispensing needles, forming a constant and homogeneous dripping that is to be checked visually for the purpose of ensuring the size and uniformity of same; said drops are received in the monovalent/divalent saline solution that is in said storage tank, which is a hardening medium for the capsules; as soon as contact of the drops of base mixture with said hardening medium occurs, the flavor and color capsule is formed, through contact with the calcium ion that adheres to the first and second gelling agent that immediately hardens through changes in the chemical characteristics that are perceived rheologically; the capsules are left submerged in said monovalent/divalent saline solution for an approximate time of 4 minutes, manifested by the

travel of a conveyor belt that is used for evacuation of the capsules from the recirculation tank for the monovalent/divalent saline solution in the following stage of rinsing of the capsules; afterwards the size and weight of the capsules obtained, which should have an average diameter of 3.5 to 4.0 mm, an approximate weight of 0.045 g and a density of 0.865 g/cm³, are checked; after the capsules emerge from the monovalent/divalent saline solution, they go on to a second stage of spray washing with cold water, for the purpose of eliminating the residual salty taste and aiding in the hardening of the walls, the washing time is approximately 5 minutes.—Then: then the washed flavor capsules are collected in the syrup mentioned above and are stored in a capsule: syrup ratio of 60:40, said syrup is used as a conveying medium during mixing with the gel base in order to ensure dispersibility in the final product, the capsules stored as intermediate product are stored in said syrup; storage is to be carried out at a temperature between 4 and 6° C.

Claim 48 (Currently Amended): The process according to one of claims 43 to 48 claim 43, in which the stage of preparing a gelling medium comprises first placing the polysaccharide, between 14.0 and 16.0% by weight of the gelling medium, in a mixer, the dry elements are added thereto, that is, the gel-forming agent and the gelatinous protein, in a quantity between 4.0 and 4.5% by weight of the gelling medium, the salt and the first acid in a quantity between 0.9 and 1.2% by weight of the gelling medium, the second acid in a quantity between 0.03 and 0.05% by weight of the gelling medium and the flavoring agent in a quantity between 0.5 and 0.7% by weight of the gelling medium; now the aqueous medium of the formulation is heated to a minimum of 40° C in order to ensure the dissolution of the mixture of dry products. The ; the dry ingredients are added conveyed in a mixing cone in order to incorporate them into the aqueous medium of the formulation, with constant recirculation. Once ; once all the ingredients are mixed and homogenized, the process of

pasteurization is initiated at a minimum temperature of 75° C for 15 s and afterwards it is cooled to 30° C. Then; then cooling to a temperature of maximum point 19° C is undertaken prior to the start of gelling of the gel medium; the components mentioned are those defined in claims 34 to 41.

Claim 49 (Currently Amended): The process according to one of claims 44 or 47 claim 44, in which the stages of mixing the capsules with the gelling medium until completing the gelling comprises the stages of

Storing storing the final product of the invention under the already defined temperature conditions in a finished-product tank under constant stirring in order to keep the obtained mixture fluid. The ; wherein the difference in densities between the gelling medium (1.06 to 1.07 g/cm³) and the rigid capsule (0.860 to 0.870 g/cm³) ensures suspension in the fluid gelling medium at the defined temperatures; and wherein the product behaves as a Newtonian fluid with constant viscosity at a temperature of 19° C. When; when entry of the gelling medium into the finished-product tank begins, the preserved rigid capsules are added through the upper portion of the tank; this final mixture is kept under stirring for 10 minutes, during which time reduction of the temperature and consequently the gelling of the gelatinous protein is started; adjustment of the process in terms of temperature and speed of stirring makes it possible to ensure distribution of the capsules in the gelling medium and suspension thereof in the liquid, viscous gelling medium in the gelling phase, at this point the gelling medium behaves as a Newtonian fluid, that is, with variable viscosity at the same temperature; once the product is in this state with the capsules suspended, it then is routed by means of a pumping system to the packing stage, ensuring the integrity of the capsules on the way to a packing machine; once the product reaches a packing-machine hopper, the process of packing of the final product is initiated, in which there is a temperature control system in

order to maintain the temperature within a tolerance of +/- 1° C; the product then is packaged in receptacles with suitable capacity; then, once the container has been filled with the edible capsules within gel, it is sealed with an aluminum foil strip; the materials that are used for packing of the product of this invention are subjected to a cleaning process in a hydrogen peroxide bath with a minimum concentration of 10% p/p by spraying, for the purpose of ensuring asepsis; afterwards the hydrogen peroxide is eliminated through evaporation and decomposition in water and 0₂ in a drying chamber at a temperature between 130 and 135° C; once the product has been packed, the presentation thereof as to suspension of the capsules and concentration of same is checked, and then it goes on to a refrigeration tunnel for the purpose of allowing finalization of the gelling process that had started in the mixing tank and ensuring the characteristics of the product.

Claim 50 (Currently Amended): A unit or machine for preparing the edible product of capsules within a gel medium of elaims 1 to 41 claim 1, said machine comprises in general a piping that carries the base mixture that is being pumped from the manufacturing vessel; the mixture is discharged into a capsule-dispensing means; said dispenser consists essentially of a hopper that has a jacket for heating and/or cooling, with an inlet for the product, a level control and a connection for washing; in the lower portion there is a plate that has one or more needles with a diameter of 2.5 mm which generate the capsule-forming drops; preferably 200 needles are provided; as already mentioned previously, through the needles fall drops of the base mixture which harden upon falling into a tank filled with the monovalent/divalent saline solution, forming the capsules; there is a second tank that contains the same monovalent/divalent saline solution and a fluid conveyance system to recirculate said solution; inside the tank there is a conveyor belt serving to move the capsules out and route them to two water-shower and spray-washing stations to rinse and wash the capsules;

now the capsules are stored mixed with the syrup and refrigerated; in a parallel manner, a mixing tank in which the gel medium is prepared is used; once it is prepared, it goes on to a final-product tank in which it is mixed with the mixture of capsules and syrup; said tank has means for stirring and temperature control; lastly, the final but not completely gelled product goes on to the packing machine wherein the product is packed in suitable containers for its subsequent sale to the user.